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| Form PTO-1449<br>U.S. DEPARTMENT OF COMMERCE (REV. 7-80)<br>PATENT AND TRADEMARK OFFICE  |    | Atty. Docket No.<br>PR 000067   |         | Serial No. |  |
| INFORMATION DISCLOSURE CITATION<br>(Use several sheets if necessary)   |    | Applicant<br>Delphine LEGRAND et al.  |         |            |  |
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|  |    | Document Number   | Date    | Country    | Class Sub-class Trans. Yes No          |
| FA   | AG | E P 0 9 4 0 9 5 8   | 9/8/99  | EUROPE     | H04L 27/233 X                          |
| FA   | AH | E P 0 3 4 9 0 6 4   | 1/3/90  | EUROPE     | H04L 27/14 X                           |
| FA   | AI | E P 0 6 4 8 0 3 7   | 4/12/95 | EUROPE     | H04L 27/22 X                           |
|  | AJ |   |         |            |  |
|  | AK |   |         |            |  |
| OTHER (Including Author, Title, Date, Pertinent Pages, Etc.)   |    |   |         |            |  |
| FA   | AL | "Feedforward Frequency Estimation for PSK: a Tutorial Review" by M. Morelli and U. Mengali, published in the journal "European Transactions on Telecommunications", vol. 9, no. 2, March-April 1998.                  |         |            |  |
| FA   | AM | "Comparison between digital recovery techniques in the presence of frequency shift" by P. Daffara and J. Lamour, International Conference on Communications, New Orleans, USA, 1-5 May, 1994, vol. 2, pp 940 and 945. |         |            |  |
| FA   | AN | "Numerical Recipes in C", The Art of Scientific Computing Second Edition, by William H. Press et al. - Cambridge University Press, 1995   |         |            |  |
| <div style="display: flex; justify-content: space-between;"> <span><i>[Signature]</i></span> <span>04/12/05</span> </div>  |    |   |         |            |  |
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|                       | AC |                 |  |  |  |  |  |  |  |      |      |       |           |                        |
|                       | AD |                 |  |  |  |  |  |  |  |      |      |       |           |                        |
|                       | AE |                 |  |  |  |  |  |  |  |      |      |       |           |                        |
|                       | AF |                 |  |  |  |  |  |  |  |      |      |       |           |                        |

  

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|                          |    |                 |   |   |   |   |   |   |   |      |         |        |           | Yes    | No |   |
| FA                       | AG | E               | P | 0 | 9 | 4 | 0 | 9 | 5 | 8    | 9/8/99  | EUROPE | H04L      | 27/233 | X  |   |
| FA                       | AH | E               | P | 0 | 3 | 4 | 9 | 0 | 6 | 4    | 1/3/90  | EUROPE | H04L      | 27/14  |    | X |
| FA                       | AI | E               | P | 0 | 6 | 4 | 8 | 0 | 3 | 7    | 4/12/95 | EUROPE | H04L      | 27/22  |    | X |
|                          | AJ |                 |   |   |   |   |   |   |   |      |         |        |           |        |    |   |
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